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REACH & RoHS
COMPLIANT

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G

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E

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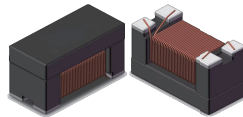
C

B

A

1 Features And Benefits

- High common mode impedance at high frequency effects excellent noise suppression performance
- 55uH~60uH are optional for different noise level and signal frequency
- Suppression of Common Mode Noise Without Attenuating The Signal
- High-Quality Product That Uses Auto Winding
- Operating temperature -40℃ to +105℃
- Available in 3216(1206) Size
- RoHS Compliant



2 Electrical Specifications @ 25℃

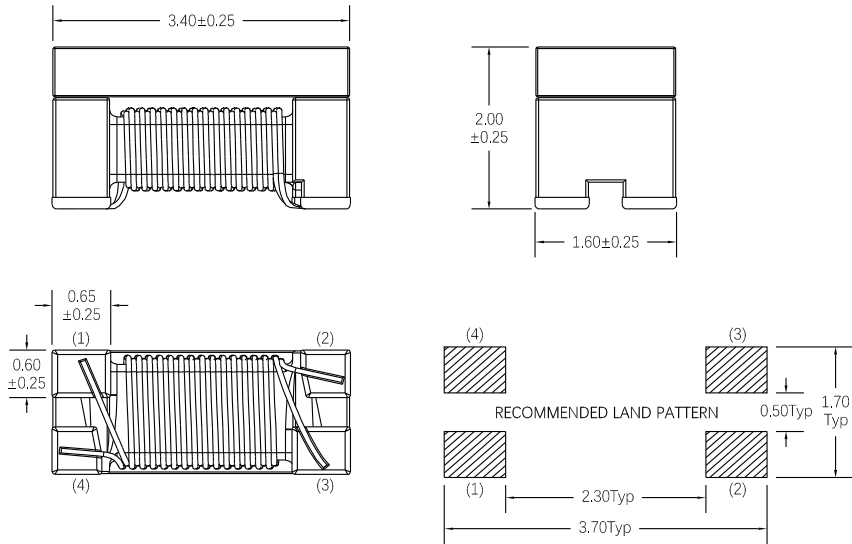
1G Base-T

Part Number	Inductance 100KHz/0.1V (μH)Min	DC Resistance (Ω MAX)	Rated Voltage (Vdc)	Rated Current (mA MAX)	Withstanding Voltage (Vdc)	Insulation Resistance (MΩ MIN)
WHLC-3216A-600M0	60	1.70	50	200	125	10

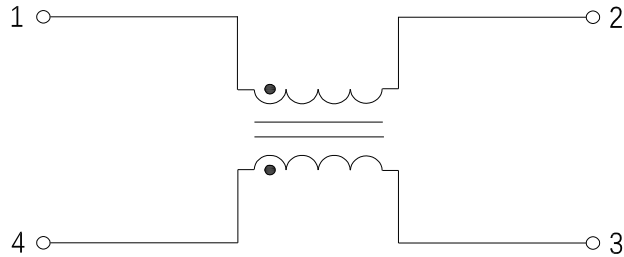
2.5G Base-T

Part Number	Inductance 100KHz/0.1 V (μH)Min	Insertion Loss 1-125MHz (dB)Typ	Return Loss 1-125MHz (dB)Typ	DC Resistance (Ω MAX)	Rated Voltage (Vdc)	Rated Current (mA MAX)	Withstandin g Voltage (Vdc)	Insulation Resistance (MΩ MIN)
WHLC-3216A-550M0	55	-1.0	-15.0	1.50	50	200	125	10

3 Dimensions (mm)& recommend layout



4 Schematics



VOOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

TITLE:
Common Mode Choke

PART NO.:
WHLC-3216A-550M0

REMARK:
1G/2.5GAuto-Transfomer

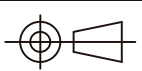
SIZE
A4

SACLE
1:1

SHEET
1/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35	x°±3.0°
.x±0.30	.x°±2.0°
.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°

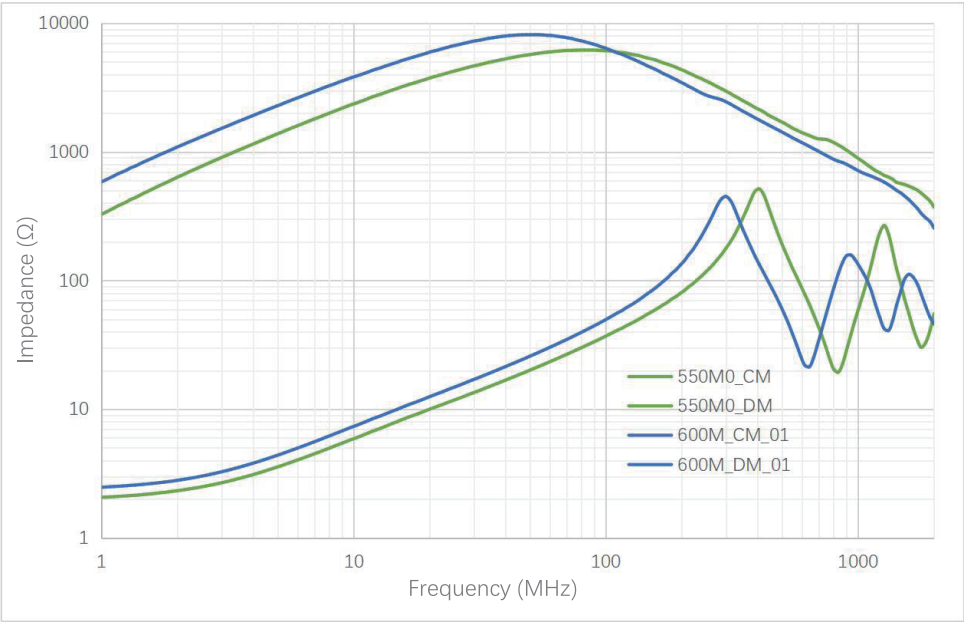
APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

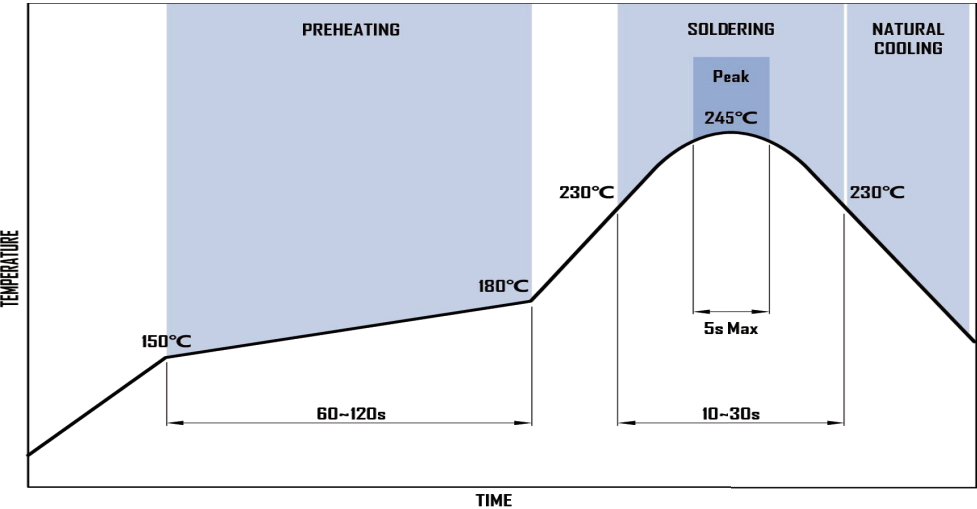
DESIGND BY:
Sunny.Xu

REACH & RoHS
COMPLIANT

5 Impedance VS. Frequency



6 Recommended Reflow Profile



VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: Common Mode Choke	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: WHLC-3216A-550M0	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY:
		REMARK: 1G/2. 5GAuto-Transfomer	SHEET 2/3		.x±0.30	.x°±2.0°	Elvis.Song
TEL: +86 400 1048 018		WEB: WWW.WOHU-TEK.COM			.xx±0.25	.xx°±1.5°	DESIGND BY:
					.xxx±0.10	.xxx°±1.0°	Sunny.Xu

